

FLAME RETARDANT RESIN COMPOSITIONS

Abstract of Disclosure

A flame retardant thermoplastic resin composition comprises a thermoplastic resin comprising a polyphenylene ether resin, a high impact polystyrene resin or an acrylonitrile-butadiene-styrene resin; an organo phosphate compound in an amount less than or equal to about 20 parts by weight for every 100 parts by weight of the thermoplastic resin; and a polyhydric alcohol compound in an amount of about 0.5 to about 5.0 parts for every 100 parts by weight of the thermoplastic resin. A method for the manufacture of the thermoplastic resin composition is also disclosed. The thermoplastic resin composition exhibits high flow characteristics and improved impact strength while providing effective flame retardance.